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occurs as a result of ejection of the ink, and bubble generating means for filling the buffer portion with at least one bubble, comprising the steps of:

filling said buffer portion with the at least one bubble by driving said bubble generating means; and

executing a recovery process of discharging the ink through said ejection openings after said bubble filling step, wherein in said recovery process step, excess of the at least one bubble filled in said buffer portion is removed.

Claim 2 is cancelled herein.

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3. (Amended) The method according to Claim 1, wherein during said bubble filling step, the at least one bubble is allowed to grow up to a location of said channel adjacent to said buffer portion by driving said bubble generating means.

4. (Amended) The method according to Claim 1, wherein the at least one bubble generated by driving said bubble generating means is obtained by precipitating a gas dissolved in the ink.

5. (Amended) The method according to Claim 1, wherein during said bubble generating step, said bubble generating means is driven to generate the at least one bubble while preventing film boiling from occurring in the ink.

6. (Amended) The method according to Claim 1, wherein said plurality of channels are each provided with an electrothermal converter as means for generating ejection energy that causes the ink to be ejected, and during said bubble generating step, the at least one bubble is generated using said electrothermal converters together with said bubble generating means.

7. (Amended) The method according to Claim 1, wherein said recovery process is a suction recovery process comprising suctioning and discharging the ink through said ejection openings.

8. (Amended) The method according to Claim 1, wherein the recovery process is executed before a printing operation.

9. (Amended) The method according to Claim 1, wherein before the recovery process, said print head is heated to a temperature used for normal printing or higher.

10. (Amended) A printing apparatus able to print an image on a printing medium, using a print head comprising a plurality of ejection openings through which ink is ejected, a plurality of channels that are each in communication with a corresponding one of the plurality of ejection openings, a common liquid chamber for supplying ink to the plurality of channels, a buffer portion located at end of an arrangement direction of said

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channels to restrain vibration of ink in said common liquid chamber which occurs as a result of ejection of the ink, and bubble generating means for filling the buffer chamber with at least one bubble, comprising:

recovery process means for causing the ink to be discharged through said ejection openings, wherein

said recovery process means causes the ink to be discharged through said ejection openings after said bubble generating means has filled said buffer portion with at least one bubble, and

said recovery process means discharges the ink through said ejection openings to remove excess of the at least one bubble.

Claim 11 is cancelled herein.

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12. (Amended) The printing apparatus according to Claim 10, wherein said bubble generating means allows the at least one bubble to grow up to a location of said channel adjacent to said buffer portion.

13. (Amended) The printing apparatus according to Claim 10, wherein said bubble generating means generates the at least one bubble by precipitating a gas dissolved in the ink.

14. (Amended) The printing apparatus according to Claim 10, wherein

said bubble generating means generates the at least one bubble while preventing film boiling from occurring in the ink.

15. (Amended) The printing apparatus according to Claim 10, wherein said plurality of channels are each provided with an electrothermal converter as means for generating ejection energy that causes the ink to be ejected, and said bubble generating means generates the at least one bubble together with said electrothermal converter.

16. (Amended) The printing apparatus according to Claim 10, wherein said recovery process means suctions and discharges the ink through said ejection openings.

17. (Amended) The printing apparatus according to Claim 10, wherein said recovery process means discharges the ink through said ejection openings before a printing operation.

18. (Amended) The printing apparatus according to Claim 10, further comprising means for heating said print head to a temperature used for normal printing or higher before said recovery process means discharges the ink through said ejection openings.